



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/955,999	09/20/2001	Steven C. Barash	PT086P1

22195
HUMAN GENOME SCIENCES INC
9410 KEY WEST AVENUE
ROCKVILLE, MD 20850

CONFIRMATION NO. 1712

FORMALITIES LETTER



OC000000007068022

Date Mailed: 11/14/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:

- drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

02/11/2002 MBERNE 00000027 09955999

01 FC:105 130.00 CH

A copy of this notice **MUST** be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

02/11/2002 MBERNE 00000027 083425 09955999
 01 FC:105 130.00 CH
 Adjustment date: 04/03/2002 YBIZAN
 03/08/2002 BNGUYEN1 00000013 083425 09955999
 01 FC:105 130.00 CR



VIA HAND DELIVERY FEBRUARY 7, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Barash et al.

Attorney Docket No.: PT086P1

Application Serial No.: 09/955,999

Group Art Unit: 1614

Filed: September 20, 2001

Examiner: Unassigned

Title: Signal Transduction Pathway Component Polynucleotides,
Polypeptides, Antibodies, and Methods Based Thereon

RESPONSE TO NOTICE TO FILE MISSING PARTS

BOX MISSING PARTS
Commissioner For Patents
Washington, D.C. 20231

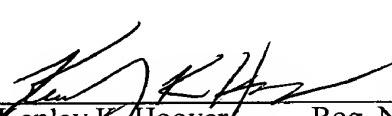
Sir:

In response to the Notice to File Missing Parts mailed November 14, 2001, submitted herewith are (1) an executed Declaration and Power of Attorney (2 pages in 3 counterparts, 6 pages total); (2) a Petition for Extension of Time to and including February 14, 2002; (3) a Fee Transmittal Sheet with appropriate fee(s) (in duplicate); and (4) a copy of said Notice for entry into the above-referenced application.

The Commissioner is hereby authorized to charge the required fee of \$130.00, and any other fee deemed necessary, to Deposit Account No. 08-3425.

Respectfully submitted,

Dated: February 7, 2002


Kenley K. Hoover Reg. No. 40,302
Attorney for Applicants

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, Maryland 20850
Telephone: (301) 610-5771

KKH/JS/MMJ/ba

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

FEB 07 2002 Patent fees are subject to annual revision.

METHOD OF PAYMENT

\$320.00

		Complete if Known	
Application Number	09/955,999		
Filing Date	September 20, 2001		
First Named Inventor	Barash et al.		
Examiner Name	To Be Assigned		
Group Art Unit	1614		
Attorney Docket Number	PT086P1		

METHOD OF PAYMENT

- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **08-3425**Deposit Account Name **Human Genome Sciences, Inc.**

- Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

- Applicant claims small entity status.
See 37 CFR 1.27

Payment Enclosed:

- Check Credit Card Money Order Other*

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	206	375	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)		\$0.00			

2. EXTRA CLAIM FEES

Total Claims	-20**	Extra Claims	Fee from below	Fee Paid
Independent Claims	-3**		\$84.00	
Multiple Dependent			\$280.00	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
108	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		\$0.00		

** or number previously paid, if greater; For Reissues, see above

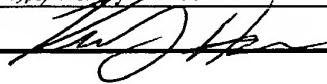
FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	\$130.00
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	\$110.00
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use hearing	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Statement	
581	40	581	40 Recording each patent assignment per property (times number of properties)	\$80.00
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
145	100	145	100 Certificate of correction	
148	110	248	55 Statutory disclaimer	
561	3	561	3 Printed copy of patent, regular service	
Other fee (specify):				
Other fee (specify):				
' Reduced by Basic Filing Fee Paid				SUBTOTAL (3)
				\$320.00

Submitted By

Complete if applicable

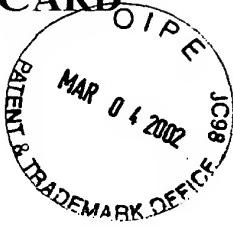
Name (Print/Type) **Kenley K. Hoover**Registration No.: **40,302**Telephone **(301) 610-5771**Signature: Date: **February 7, 2002**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

RETURN RECEIPT CARD

(MPEP § 503)



OIPE:	Please Date Stamp In The Box Below And Return To Addressee

Application of: Barash et al.

Application Serial No.: 09/955,999

Filed: September 20, 2001

Title: Signal Transduction Pathway Component Polynucleotides, Polypeptides, Antibodies, and Methods Based Thereon



Attorney Docket No.: PT086P1

Group Art Unit: 1614

Examiner: Unassigned

**The following documents were filed by Human Genome Sciences, Inc.
via hand delivery on February 7, 2002:**

1. Return Receipt Card;
2. Fee Transmittal with appropriate fee(s) (in duplicate);
3. Response to Notice to File Missing Parts;
4. Executed Declaration for Patent Application (2 pages in 3 counterparts, 6 pages total);
5. Petition for Extension of Time (for 1 month, to and including February 14, 2002);
6. Copy of Notice to File Missing Parts mailed November 14, 2001;
7. Recordation Form Cover Sheet with executed Assignment (2 pages in 2 counterparts) (5 pages total); and
8. Recordation Form Cover Sheet with executed Assignment (2 pages) (3 pages total).

KKH/JS/MMJ/ba

ATTN.: LEGAL DEPARTMENT